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NOTE ON THE POLYCONIC PROJECTION.

BY PROF. J. E. HILGARD, ASSISTANT IN CHARGE, U. S. COAST SURVEY.

In an article which appeared in the last January number of the ANALYST (p. 15) Professor W. W. Johnson points out an error of statement respecting the description of the Polyconic Projection contained in the Coast Survey Report for 1853.

In referring to this subject I merely wish to remark that it was thought a sufficient corrective to publish, together with a concise statement of the principles and formulæ of the polyconic projection, and extended tables, a map showing the whole globe on this projection on which the deviations from a right angle of the intersections of meridians and parallels are brought directly before the eye. This was done in the Coast Survey Report for 1856, plate No. 65, a reduced copy of which, herewith sent, may be interesting to your readers. In the subsequent Report for 1859, the diagram of the whole sphere was again given with a representation of the isogonic lines.

These illustrations appear to have escaped the notice of Prof. Johnson.